


BOSSVENT INSTALLATION GUIDE



Ford Ranger Next Gen (2018-on PX3 2.0L Bi Turbo) Oil Catch Can Kit

<p>1. BOSSVENT XL</p> 	<p>2. OUTLET HOSE</p> 	<p>3. INLET HOSE</p> 
<p>4. MOUNTING BRACKET</p> 	<p>5. OIL DRAIN KIT</p> 	<p>6. HARNESS KIT</p> 
<p>7. FASTENER KIT</p> 	<p>8. CABIN SWITCH</p> 	



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STEP 1

WARNING: Ensure engine is off and cool enough to work on!

Identify install area (passenger side of engine bay).



STEP 2

Remove engine cover.



STEP 3

Locate the mounting points as shown.





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STEP 4

Install BOSSVENT bracket using 2x M8 bolts and spring washers to the BOSSVENT catch can, as shown.



STEP 5

Attach oil drain tube to BossVent drain port, firmly push tube into place and tighten nut. Feed the the oil drain tube down the drive's side wheel arch.



STEP 6

Attach BOSSVENT to the engine bay using fasteners supplied.





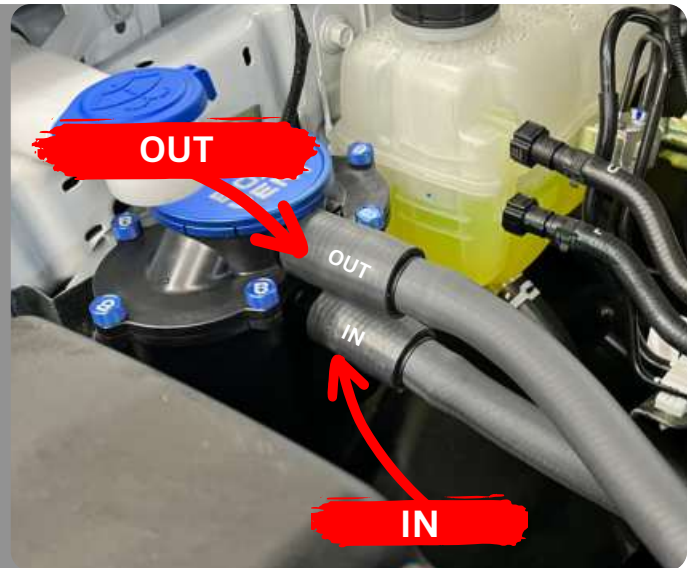
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STEP 7

Install INLET and OUTLET hoses to the BOSSVENT.

IMPORTANT:

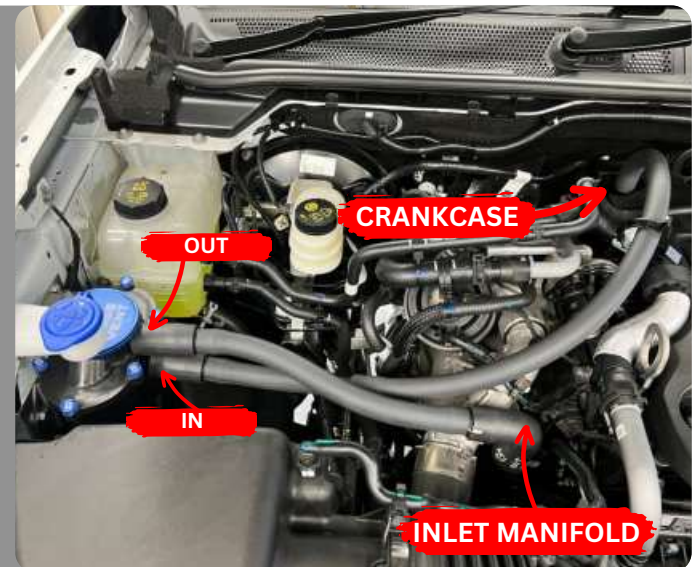
Match IN to IN hose and OUT to OUT hose locations, as shown.



STEP 8

Route INLET / OUTLET hoses

- IN to the CRANKCASE
- OUT to the INLET MANIFOLD



STEP 9



Refit all hose supports. Tighten all hose clamps, secure all hoses & ensure everything is secure and tidy.

Replace the engine cover.



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STEP 10

Guide the drain tube past the engine on the driver's side to the front right wheel arch for bracket installation.



STEP 11A

Trim tube to length using cutter provided.



STEP 11B

Push clear tubing firmly onto BossVent drain tap. Ensure the tap is turned off as shown.





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STEP 11C

Insert dust plug into end of tap.



STEP 11D

Using zip ties provided secure drain tap and drain hose to chassis rails or similar ensuring the tap and hose are out of the way of the wheels and moving suspension components



STEP 12 - DRAINING

Pull back locking collar and withdraw dust plug before draining the catch can.

Turn tap through 90 degrees to drain. Return tap to the position shown above and replace dust plug after draining.





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STEP 13

Route the wiring harness around the engine, from the BossVent catch can to the passenger's side where the grommet is located.



STEP 14

From the engine bay passenger's side pass the small plug and spade terminals through the firewall grommet to the passenger's side footwell.

NOTE: A stiff wire attached to the cables as shown can help



STEP 14

Pull cable through grommet and connect engine bay side plug into the BossVent plug as shown.





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STEP 16

Route wiring harness under dash to the cigarette lighter and zip tie into place.



STEP 17

Remove the panel to access the cigarette lighter or accessory power.



STEP 18A

If using the T tap connectors provided, open T tap connector end as shown.





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STEP 18B

Locate suitable electrical cable and close T tap connector end over cable firmly until it locks into place using pliers or similar as shown.

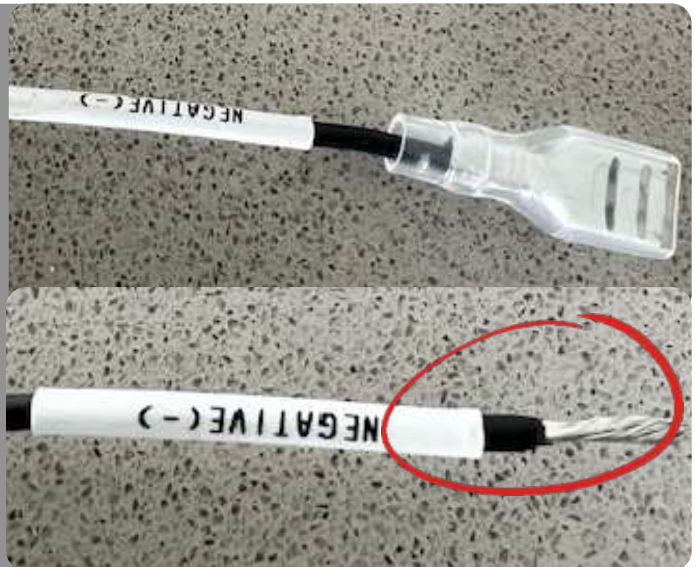
Note:

Negative (-) to ground and Positive 12V (+) to accessory or ignition power



STEP 18C

If using the T tap connector and not using spade terminals for connection then cut off the female spade terminal end and strip approximately 10mm of the outer sheath from the cable as shown



STEP 18D

Open lever on T tap connector and insert cable approximately 10-12mm as shown

Close lever and check cable is firmly secured





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STEP 19

Clean the surface, place switch where is visible while you are driving. Use zip ties to tidy up loose cables and wiring harness.



STEP 20

Start the engine and inspect for leaks or loose ends.

HOSES MUST HAVE NO KINKS OR OBSTRUCTIONS.



YOU'RE GOOD TO GO, MATE!





BOSSVENT

IN-CABIN INDICATOR LIGHT STATUS

ONLINE VERSION



IGNITION TURNED ON

Light will flash twice

Status: Your catch can is being continuously monitored



NO LIGHT FLASH

Status: No maintenance required



1 FLASH PER SECOND

Status: Drain oil required!



2 FLASHES PER SECOND

Status: Replace filter elements required!



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BV205-LM-001A



DRAIN OIL

Remove the red oil dust cap and open the tap.

Let the oil drain from your catch can.

Close the tap when oil stops and make sure you place the dust cap back once you finished.

[Click here for video instructions.](#)



REPLACE FILTERS

Open the catch can, twisting all 6 thumbs screws.

Clean the sensor with some cloth.

Lubricate the new filters o-rings with some oil before inserting.

Changing the filter is easy. No tools are required!

YOU'RE GOOD TO GO, MATE!

